

RESUME



Name :- **Deekshaputra Ramrao Birhade**
Designation :- **Assistant Professor**
Qualification :- **M. Sc. (Chemistry), B.Ed., NET-JRF, GATE, Ph. D.**
Area of Specialization :- **Organic Chemistry**
Date of Birth :- **05/12/1981**
Mobile No. :- **8805382375**
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Date of Appointment :- **22/11/2019**
Department :- **Chemistry**
Name of Institution :- **Shri Vyankatesh Arts, Commerce and Science
College, Deulgaon Raja, Dist. Buldana-443204**

Teaching Experience :- **Three years (CHB)**

1. School of Chemical Sciences, Swami Ramanand Teerth Marathwada University, Nanded.
2. Yeshwant Mahavidyalaya, Nanded
3. Indira Gandhi (Sr.) College, CIDCO, Nanded
4. Shankarrao Chavan Mahavidyalaya, Ardhapur, Dist. Nanded

Research Experience :- **Ten years**

1. Research Associateship

Worked as a Research Associate in School of Chemical Sciences, Swami Ramanand Teerth Marathwad University, Nanded for one year.

2. Project Assistant

Worked as a Project Assistant in Department of Chemistry, Savitribai Phule Pune University, Pune for three years.

3. Senior Research Fellow

Worked as a Senior Research fellow in Department of Chemistry, Savitribai Phule Pune University, Pune for three years.

4. Junior Research Fellow

Worked as a Junior Research Fellow in Department of Chemistry, Savitribai Phule Pune University, Pune for two years.

5. Research Trainee

Worked as a Research Trainee for one year in Research and Development Department of Sai Advantium Phama Ltd., Hinjewadi, Pune

Area of Interest :- Asymmetric Synthesis, Green Chemistry, Organic synthesis, Medicinal Chemistry, Catalysis, Organometallic compounds and Photochemistry.

Details of Conferences/ Seminars/Workshops Attended

1. Participated in National Conference on Advances in Chemical Sciences held on 31st August 2019, organized by Department of Chemistry, Yeshwant Mahavidyalaya, Nanded, Maharashtra.
2. Participated in National Conference on Emerging Trends in Chemical Sciences (NCETS-2019) held on 20-21 September 2019, organized by Department of Chemistry, N.E.S. Science College Nanded, Maharashtra.
3. Participated and presented a poster in National conference on Chemistry for High Efficiency Materials (CHEM-2019) held on 26-27 March 2019, organized by Post Graduate Teaching Department of Chemistry, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra.
4. Participated and presented a poster in International Symposium "Exploring New Horizons in Chemical Sciences" (ENHCS-2019) held on 10-12 January 2019, organized by the Department of Chemistry, Deogiri College, Aurangabad, Maharashtra.
5. Participated in National Conference on Recent Trends in Drug Development held on 12-14 March 2015, organized by the Department of Chemistry, Savitribai Phule Pune University, Pune, Maharashtra.
6. Participated in National Conference on Recent trends in drug development held in March 2012, organized by the Department of Chemistry, Savitribai Phule Pune University, Pune.
7. Celebrating International Year of Chemistry-2011, participated in the Research Students Seminar-2011, held on 25th March 2011, organized by the Department of Chemistry, Savitribai Phule Pune University, Pune, Maharashtra.
8. Participated in National Conference on Future Challenges and Opportunities for Chemistry Students held in March 2011, organized by the Department of Chemistry, Savitribai Phule Pune University, Pune, Maharashtra.
9. Participated and presented a Poster in National Conference on Recent Trends in Chemistry held in March 2009, organized by the Department of Chemistry, Savitribai Phule Pune University, Pune, Maharashtra.

Research Publications:

01. Published a research paper in the journal, *Tetrahedron Letters* on Greening the Wacker process.
02. Published a research paper in the journal, *Tetrahedron: Asymmetry* on Synthesis of (+)-isofagomine.
03. Published a research paper in the journal, *Beilstein Journal of Organic Chemistry* on A Wittig-olefination–Claisen-rearrangement approach to the 3-methylquinoline-4-carbaldehyde synthesis.
04. Published a research paper in the journal, *Tetrahedron Letter* on A stereodivergent approach to carbahexofuranoses: synthesis of carba- α -D-glucofuranose, carba- β -D-altrofuranose, carba- α -D-allofuranose, carba- β -D-idofuranose, carba- α -D-galactofuranose and carba- β -D-talofuranose.
05. Published a research paper in the journal, *Tetrahedron Letters* on A short and efficient synthesis of furo[2,3-b]indoles.
06. Published a research paper in the journal, *Tetrahedron: Asymmetry* on The efficient synthesis of (3R,3aS,6aR)-hexahydrofuro[2,3-b]furan-3-ol and its isomers.
07. Published a research paper in the journal, *Synthetic Communications* on Wittig Olefination–Claisen Rearrangement Protocol for Cyclohexene Annulation
08. Published a research paper in the journal, *Beilstein Journal of Organic Chemistry* on Total synthesis of (\pm)-coerulescine and (\pm)-horsfiline
09. Published a research paper in the journal, *Beilstein Journal of Organic Chemistry* on Zeolite catalyzed solvent-free one-pot synthesis of dihydropyrimidin-2(1H)-ones – A practical synthesis of monastrol.
10. Published a research paper in the journal, *Eur. J. Org. Chem* on Total Synthesis of (\pm)-Physovenine
11. Published a research paper in the journal, *Tetrahedron Letters* on Pd(0)/C catalyzed efficient Wacker oxidation of functionalized terminal olefins
12. Published a research paper in the journal, *Tetrahedron Letters* on A novel and efficient total synthesis of (\pm)-physostigmine.

Awards and Merits

1. CSIR recipients Research Associateship (CSIR-RA) in School of Chemical Sciences, Swami Ramanand Teerth Marathwada University, Nanded from March 2019.
2. CSIR recipients Senior Research Fellow (SRF) in Department of Chemistry, Savitribai Phule Pune University, Pune from 2009 to 2012.
3. CSIR recipients Junior Research Fellow (JRF) in Department of Chemistry, Savitribai Phule Pune University, Pune from 2007 to 2009